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### **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

Docket No.

2781

#### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** P.O. Box 1450 Alexandria, VA 22313-1450

Transmitted herewith for filing under	35 U.S.C. 111(a	a) and 37 C.F.R.	1.53(b) is a new utility	patent application for an
nvention entitled:				

nvent ME	ion e THO	ntitle <b>D</b> FC	rewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent ap ed: OR PRODUCING AT LEAST ONE CHARACTERISTIC LINE OF AN AIR MASS DET R AN INTERNAL COMBUSTION ENGINE	,
and in Tob			y: G, Uwe KONZELMANN	15535 U.S. PTO 10/771602
lf a C	ONT	INU	ATION APPLICATION, check appropriate box and supply the requisite information:	
\\\\\			ation Divisional Continuation-in-part (CIP) of prior application No.:	
Which () () () () ()	Conti	inuat	ation Divisional Continuation-in-part (CIP) of prior application No.:	
			ation   Divisional   Continuation-in-part (CIP) of prior application No.:	, ·
Enclo	sed a	are:	Annali antina Plana ata	
			Application Elements	
1.	X	Filir	ing fee as calculated and transmitted as described below	**
2.	X	Spe	ecification having pages and including the following:	,
	a.	X	Descriptive Title of the Invention	
	b.		Cross References to Related Applications (if applicable)	
	C.		Statement Regarding Federally-sponsored Research/Development (if applicable)	
	d.		Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix	
	e.	X	Background of the Invention	
	f.	X	Brief Summary of the Invention	
	g.	X	Brief Description of the Drawings (if filed)	
	h.	X	Detailed Description	
	i.	X	Claim(s) as Classified Below	
	j.	X	Abstract of the Disclosure	

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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		Application Elements (Continued)
3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)
	a.	Formal Number of Sheets5
	b.	☐ Informal Number of Sheets
4.	X	Oath or Declaration
	a.	■ Newly executed (original or copy) □ Unexecuted
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
	C.	With Power of Attorney □ Without Power of Attorney
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.		Incorporation By Reference (usable if Box 4b is checked)  The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.		Application Data Sheet (See 37 CFR 1.76)
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
	a.	☐ Computer Readable Form (CRF)
	b.	☐ Specification Sequence Listing on:
		i. CD-ROM or CD-R (2 copies); or
		ii. 🔲 Paper
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy
		Accompanying Application Parts
9.	X	Assignment Papers (cover sheet & document(s))
10.		37 CFR 3.73(B) Statement (when there is an assignee)
11.		English Translation Document (if applicable)
12.		Information Disclosure Statement/PTO-1449   Copies of IDS Citations
13.		Preliminary Amendment
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.	X	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	X	Certificate of Mailing
		☐ First Class ■ Express Mail (Specify Label No.): EV 260996504 US

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 2781

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

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		Accompanying Application Parts (Continued)
17.		Additional Enclosures (please identify below):
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

### UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 2781

Total Pages in this Submission

#### Fee Calculation and Transmittal

For	#Filed	#Allowed	#Extra		Rate		Fee
		1	7	<del></del>			
Total Claims	14	- 20 =	0	х	\$18.00		\$0.00
Indep. Claims	2	- 3 =	0	x	\$86.00		\$0.00
Multiple Dependen	t Claims (check i	if applicable)			•		\$0.00
			,			BASIC FEE	\$770.00
OTHER FEE (specify purpose) ASSIGNMENT RECORDATION							\$40.00
					TOTAL	FILING FEE	\$810.00
☐ A check in the a	amount of	to	cover the filin	a fee is en	closed.	······································	,
	hereby authorized			•		19-4675	
🗷 Charge	the amount of	\$810.00	as filing fee.				
🗷 Credit	any overpayment.	•					
<ul><li>Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.</li><li>Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,</li></ul>							
						Allowance.	
☐ Charge	the issue tee set				101100 01 /		
•	the issue fee set nt to 37 C.F.R. 1.3						

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Dated: FEBRUARY 4, 2004

CC:

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